

# Searching Smart With Standards

Using Curriculum Standards to Find  
Educational Resources in Digital Libraries

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# Where to find our presentation

[http://digitalcommons.usu.edu/itls\\_facpub/500](http://digitalcommons.usu.edu/itls_facpub/500)

# **Educational standards**

A Nation At Risk (1983) / National  
Commission on Excellence in Education

What was unimaginable a generation ago has begun to  
occur--others are matching and surpassing our  
educational attainments.



## A Nation At Risk (1983) / National Commission on Excellence in Education

We have dismantled essential support systems which helped make those gains possible.

We have, in effect, been committing an act of unthinking, unilateral educational disarmament.



## A Nation At Risk (1983) / National Commission on Excellence in Education

We recommend that schools, colleges, and universities adopt more rigorous and measurable standards, and higher expectations, for academic performance and student conduct, ....

- Compliance, Guidance, Accountability, Evaluation, Bargaining Chip, Standardization, Communication

# Standards search (as phenom)

- Teacher information seeking
- Open Educational Resources (OER)
- Alignment between standards and resources allows for standards search
- Other educational resource search options
  - grade level
  - subject area
  - resource type, etc.



# Standards crosswalks

Standards crosswalks show alignments between at least two different standards

For example AASL created a crosswalk between the CCSS and the Standards for the 21st Century Learner

Handy for collaboration between teachers and teacher librarians

Handy for standards search with limited standards options (e.g. only national standards)

<http://www.ala.org/aasl/standards-guidelines/crosswalk>

## AASL English Language Arts Crosswalk - Grade 3

CC.3.R.F.4.b Fluency: Read grade-level prose and poetry orally with accuracy, appropriate rate, and expression.	
CC.3.R.F.4.c Fluency: Use context to confirm or self-correct word recognition and understanding, rereading as necessary.	
CC.3.R.I.1 Key Ideas and Details: Ask and answer questions to demonstrate understanding of a text, referring explicitly to the text as the basis for the answers.	<p>1.1.3 Develop and refine a range of questions to frame search for new understanding.</p> <p>1.1.6 Read, view, and listen for information presented in any format (e.g., textual, visual, media, digital) in order to make inferences and gather meaning.</p>
CC.3.R.I.2 Key Ideas and Details: Determine the main idea of a text; recount the key details and explain how they support the main idea.	
CC.3.R.I.3 Key Ideas and Details: Describe the relationship between a series of historical events, scientific ideas or concepts, or steps in technical procedures in a text, using language that pertains to time, sequence, and cause/effect.	<p>1.1.7 Make sense of information gathered from diverse sources by identifying misconceptions, main and supporting ideas, conflicting information, and point of view or bias.</p> <p>2.1.1 Continue an inquiry-based research process by applying critical thinking skills (analysis, synthesis, evaluation, organization) to information and knowledge in order to construct new understandings, draw conclusions, and create new knowledge.</p>
CC.3.R.I.4 Craft and Structure: Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 3 topic or subject area.	



# Digital Library Examples

**Teach Engineering:** [https://www.teachengineering.org/search\\_standards.php](https://www.teachengineering.org/search_standards.php)

**PBS Learning Media:** <http://www.pbslearningmedia.org/standards/0>

**OER Commons:** <https://www.oercommons.org/advanced-search>

**Promethean Planet:** <http://www.prometheanplanet.com/en-us/resources/search-by-state-standards.aspx>

**Library of Congress:** <http://www.loc.gov/teachers/>

**Utah Education Network (UEN):** <http://www.uen.org/curriculumsearch/searchParams.action>

# TeachEngineering

## STEM content

Collaborative project between faculty, students, and teachers associated with five founding partner universities, with National Science Foundation funding

- searchable, web-based digital library collection, free activities, lessons, units and living labs, and “sprinkles”
- standards-based engineering curricula for use by K-12 teachers and engineering faculty
- applied science and math through engineering design in K-12 settings



<https://www.teachengineering.org/>



## CURRICULUM FOR K-12 TEACHERS

Standards-aligned engineering lessons and hands-on activities for use in science, engineering, and math classrooms.

### Find Curriculum

Search 1,366 lessons and activities



[Browse Subject Areas >](#)

[Browse Activities >](#)

[Browse Curricular Units >](#)

[Browse Sprinkles >](#)

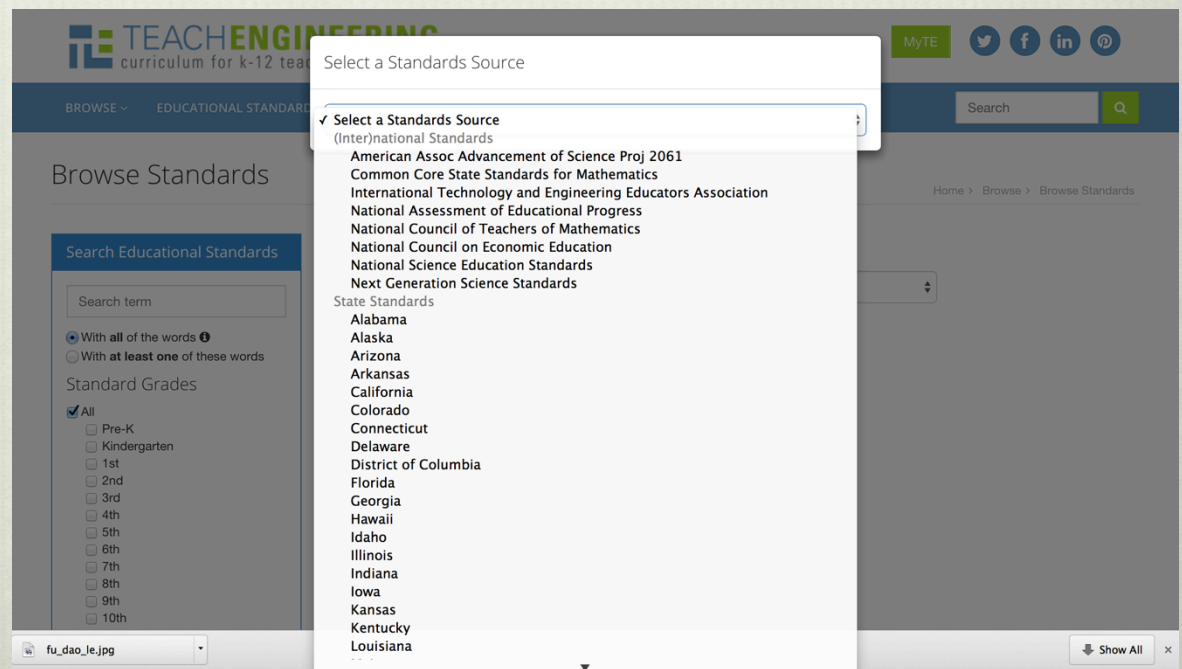
[Browse Lessons >](#)

# TeachEngineering Standards Search

International, national (CCSS, NGSS), and state standards,  
and grade level

Standards search first  
then refine with search  
terms and grade levels

Results show standard  
and number of “hits”





## Search Educational Standards

Search term

- ☒ With **all** of the words ⓘ  
☐ With **at least one** of these words

### Standard Grades

- ☒ All  
☐ Pre-K  
☐ Kindergarten  
☐ 1st  
☐ 2nd  
☐ 3rd  
☐ 4th  
☐ 5th  
☐ 6th  
☐ 7th  
☐ 8th  
☐ 9th  
☐ 10th  
☐ 11th  
☐ 12th

Search

Start over

## Standards Source:

Common Core State Standards for Mathematics

16 standards found

Counting and Cardinality (K-K) ...show  
(1 lessons/activities/units aligned)

Operations and Algebraic Thinking (K-5) ...show  
(52 lessons/activities/units aligned)

Number and Operations in Base Ten (K-5) ...show  
(57 lessons/activities/units aligned)

Measurement and Data (K-5) ...show  
(103 lessons/activities/units aligned)

Geometry (K-8) ...show  
(123 lessons/activities/units aligned)

Number and Operations&#8212;Fractions (3-5) ...show  
(16 lessons/activities/units aligned)

Ratios and Proportional Relationships (6-7) ...show  
(122 lessons/activities/units aligned)

The Number System (6-8) ...show  
(161 lessons/activities/units aligned)

### Search Educational Standards

Search term

- ☒ With **all** of the words ⓘ
- ☐ With **at least one** of these words

### Standard Grades

- ☒ All
- ☐ Pre-K
- ☐ Kindergarten
- ☐ 1st
- ☐ 2nd
- ☐ 3rd
- ☐ 4th
- ☐ 5th
- ☐ 6th
- ☐ 7th
- ☐ 8th
- ☐ 9th
- ☐ 10th
- ☐ 11th
- ☐ 12th

Search

Start over

### Standards Source:

Common Core State Standards for Mathematics

Common Core State Standards for Mathematics: Math [2010] ...show

#### Current Standard:


- Number and Operations in Base Ten (K-5)  
(57 lessons/activities/units aligned)

#### Standard's Subset:

- Work with numbers 11-19 to gain foundations for place value. (K-K) ...show  
(no curriculum aligned)
- Extend the counting sequence. (1-1) ...show  
(no curriculum aligned)
- Understand place value. (1-2) ...show  
(no curriculum aligned)
- Use place value understanding and properties of operations to add and subtract. (1-2) ...show  
(1 lessons/activities/units aligned)
- Use place value understanding and properties of operations to perform multi-digit arithmetic. (3-4) ...show  
(17 lessons/activities/units aligned)
- Generalize place value understanding for multi-digit whole numbers. (4-4) ...show  
(no curriculum aligned)
- Perform operations with multi-digit whole numbers and with decimals to hundredths. (5-5) ...show  
(37 lessons/activities/units aligned)



Search term

- ☒ With **all** of the words 
- ☐ With **at least one** of these words

### Standard Grades

- ☒ All
- ☐ Pre-K
- ☐ Kindergarten
- ☐ 1st
- ☐ 2nd
- ☐ 3rd
- ☐ 4th
- ☐ 5th
- ☐ 6th
- ☐ 7th
- ☐ 8th
- ☐ 9th
- ☐ 10th
- ☐ 11th
- ☐ 12th

Search

Start over

### Aligned Curriculum



#### Aligned Activities

[20/20 Vision](#)

[About Accuracy and Approximation](#)

[Magnitude of the Richter Scale](#)

[Scale Model of the Earth](#)

[Will It Conduct?](#)

#### Aligned Lessons

[The Building Blocks of Matter](#)

[Mercury and Venus](#)

[One Path](#)

Close

(17 lessons/activities/units aligned)

- Generalize place value understanding for multi-digit whole numbers. (4-4) [...show](#)  
(no curriculum aligned)

- Perform operations with multi-digit whole numbers and with decimals to hundredths. (5-5) [...show](#)  
(37 lessons/activities/units aligned)

- Understand the place value system. (5-5) [...show](#)  
(8 lessons/activities/units aligned)

# PBS LearningMedia

Thousands of classroom-ready, curriculum-targeted digital resources

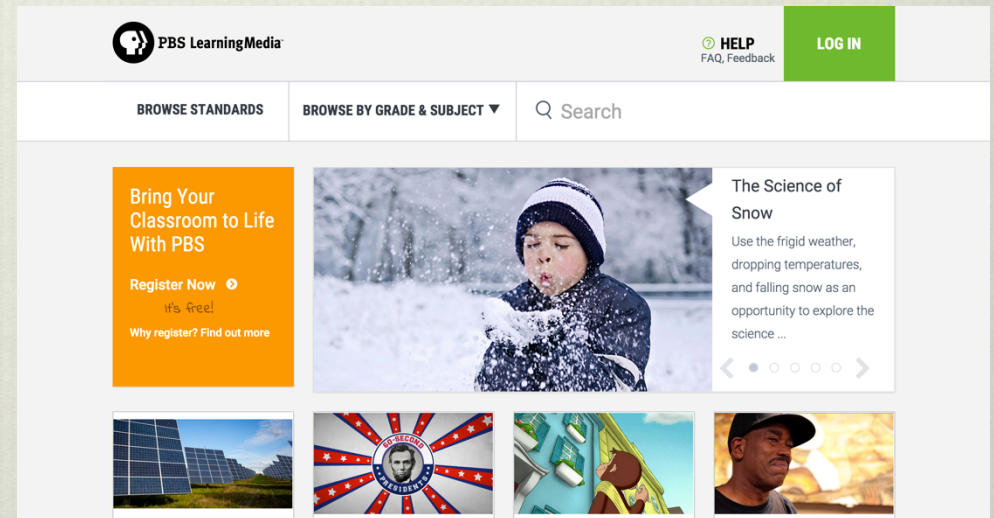
Free resources for PreK-12 educators

Resources are aligned to

Common Core & national standards

Videos and interactives,  
audio, documents, and  
in-depth lesson plans

Browse by standards, grade level,  
subject area, and special collections.  
Social media: favorite and share  
resources with your class & colleagues.



<http://www.pbslearningmedia.org/standards/0>





PBS LearningMedia

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[BROWSE BY GRADE & SUBJECT ▼](#)

[Q Search](#)

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Classroom to Life  
With PBS

Register Now ▶

It's free!

Why register? Find out more



## The American Revolution

Experience the American Revolution through this amazing suite of interactive maps, videos, and letters detailing the leadership of General George Washington.



# PBS LearningMedia Standards Search

Browse by standard.

Select standard,  
then grade,  
and then keywords (optional).

Common Core (ELA, math) - college and career readiness standards, and national standards.





**BROWSE STANDARDS**

**BROWSE BY GRADE & SUBJECT ▼**

 **Search**

## Browse by Standards

Browse by standards allows you to find all resources that support a given standards statement. Reference terms are assigned to each statement within a standards document and to each media resource, and correlations are based upon matches of these terms for a given grade band.

### Step 1: Select Standards and documents

#### Type of Standards \*

-- Select Type of Standards -- ▾

#### Document \*

-- Select Document -- ▾

**Browse**

### Step 2: Select Grades

- |                                |                             |                              |
|--------------------------------|-----------------------------|------------------------------|
| <input type="checkbox"/> Pre-K | <input type="checkbox"/> K  | <input type="checkbox"/> 1   |
| <input type="checkbox"/> 2     | <input type="checkbox"/> 3  | <input type="checkbox"/> 4   |
| <input type="checkbox"/> 5     | <input type="checkbox"/> 6  | <input type="checkbox"/> 7   |
| <input type="checkbox"/> 8     | <input type="checkbox"/> 9  | <input type="checkbox"/> 10  |
| <input type="checkbox"/> 11    | <input type="checkbox"/> 12 | <input type="checkbox"/> 13+ |

### Step 3: (optional) Type Keyword(s)

## Browse by Standards

Browse by standards allows you to find all resources that support a given standards statement. Reference terms are assigned to each statement within a standards document and to each media resource, and correlations are based upon matches of these terms for a given grade band.

### Step 1: Select Standards and documents

#### Type of Standards \*

National Standards ▾

#### Document \*

- ✓ -- Select Document --
- Benchmarks for Science Literacy
- College and Career Readiness Standards for Adult Education
- Content Standards
- Head Start Child Development and Early Learning Framework
- National Health Education Standards
- National Standards for History
- National Standards for Physical Education
- NSTA National Science Education Standards
- Standards for Foreign Language Learning
- The National Visual Arts Standards

### Step 2: Select Grades

- |                                |                             |                              |
|--------------------------------|-----------------------------|------------------------------|
| <input type="checkbox"/> Pre-K | <input type="checkbox"/> K  | <input type="checkbox"/> 1   |
| <input type="checkbox"/> 2     | <input type="checkbox"/> 3  | <input type="checkbox"/> 4   |
| <input type="checkbox"/> 5     | <input type="checkbox"/> 6  | <input type="checkbox"/> 7   |
| <input type="checkbox"/> 8     | <input type="checkbox"/> 9  | <input type="checkbox"/> 10  |
| <input type="checkbox"/> 11    | <input type="checkbox"/> 12 | <input type="checkbox"/> 13+ |

### Step 3: (optional) Type Keyword(s)





**BROWSE STANDARDS**

**BROWSE BY GRADE & SUBJECT ▼**

 **Search**

## Browse by Standards

Browse by standards allows you to find all resources that support a given standards statement. Reference terms are assigned to each statement within a standards document and to each media resource, and correlations are based upon matches of these terms for a given grade band.

### Step 1: Select Standards and documents

#### Type of Standards \*

Common Core State Stand: ▼

#### Document \*

College- and Career-Readin ▼

**Browse**

### Step 2: Select Grades

- |                                |                                       |                              |
|--------------------------------|---------------------------------------|------------------------------|
| <input type="checkbox"/> Pre-K | <input type="checkbox"/> K            | <input type="checkbox"/> 1   |
| <input type="checkbox"/> 2     | <input type="checkbox"/> 3            | <input type="checkbox"/> 4   |
| <input type="checkbox"/> 5     | <input checked="" type="checkbox"/> 6 | <input type="checkbox"/> 7   |
| <input type="checkbox"/> 8     | <input type="checkbox"/> 9            | <input type="checkbox"/> 10  |
| <input type="checkbox"/> 11    | <input type="checkbox"/> 12           | <input type="checkbox"/> 13+ |

### Step 3: (optional) Type Keyword(s)

fractions

### Step 1: Select Standards and documents

#### Type of Standards \*

Common Core State Stand: ⌵

#### Document \*

College- and Career-Readin ⌵

Browse

### Step 2: Select Grades

- |                                |                                       |                              |
|--------------------------------|---------------------------------------|------------------------------|
| <input type="checkbox"/> Pre-K | <input type="checkbox"/> K            | <input type="checkbox"/> 1   |
| <input type="checkbox"/> 2     | <input type="checkbox"/> 3            | <input type="checkbox"/> 4   |
| <input type="checkbox"/> 5     | <input checked="" type="checkbox"/> 6 | <input type="checkbox"/> 7   |
| <input type="checkbox"/> 8     | <input type="checkbox"/> 9            | <input type="checkbox"/> 10  |
| <input type="checkbox"/> 11    | <input type="checkbox"/> 12           | <input type="checkbox"/> 13+ |

### Step 3: (optional) Type Keyword(s)

fractions

#### Statements

➤ Grade 6 Introduction 6 In Grade 6, instructional time should focus on four critical areas: (1) connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; (2) completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers; (3) writing, interpreting, and using expressions and equations; and (4) developing understanding of statistical thinking.

#### ✓ Grade 6 CCSS.Math.Cont.6.NS The Number System

➤ Grade 6 CCSS.Math.Cont.6.NS.A Apply and extend previous understandings of multiplication and division to divide fractions by fractions.





## DASHBOARD

Favorites, Profile, Tools



Search

BROWSE BY OPTIONS ▼

## Grades

- ☐ 3 (4) ☐ 4 (18)
- ☐ 5 (30) ☐ 6 (49)
- ☐ 7 (35) ☐ 8 (19)
- ☐ 9 (4)

## Subject

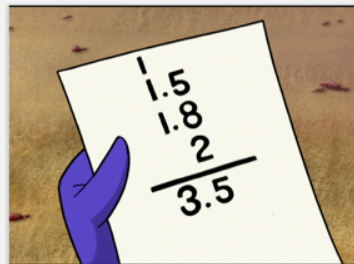
- + English Language Arts and Literacy (1)
- + Mathematics (49)
- + Science (1)

## Media Type

- Video (30)
- Interactive (18)
- Document (1)

49 results

Sort by: Relevance ▾

☐ Turn images off

VIDEO

00:02:34

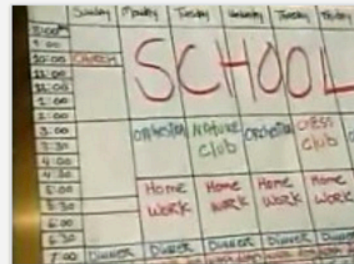
## HOW MANY RAILS FOR THE DETOUR?

In this video segment from Cyberchase, the CyberSquad must build a rail line to get around the mountain to

transport

GRADES 4-8

PROVIDED BY:



VIDEO

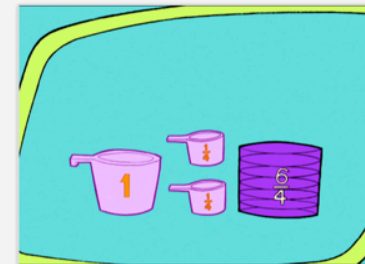
00:04:40

## TIME MANAGEMENT

In this video segment from TV411, Ruby's mother is unhappy with Ruby's grades at school. Ruby claims that she is very busy and has many different activities. so ...

GRADES 3-6

PROVIDED BY:



VIDEO

00:06:05

## CRUMPETS RECIPE

In this video segment from Cyberchase, the CyberSquad has to help Shari Spotter make a batch of Cosmic Crumpets in order to give the masters at Froasnorts their power. The ...

GRADES 4-8

PROVIDED BY:

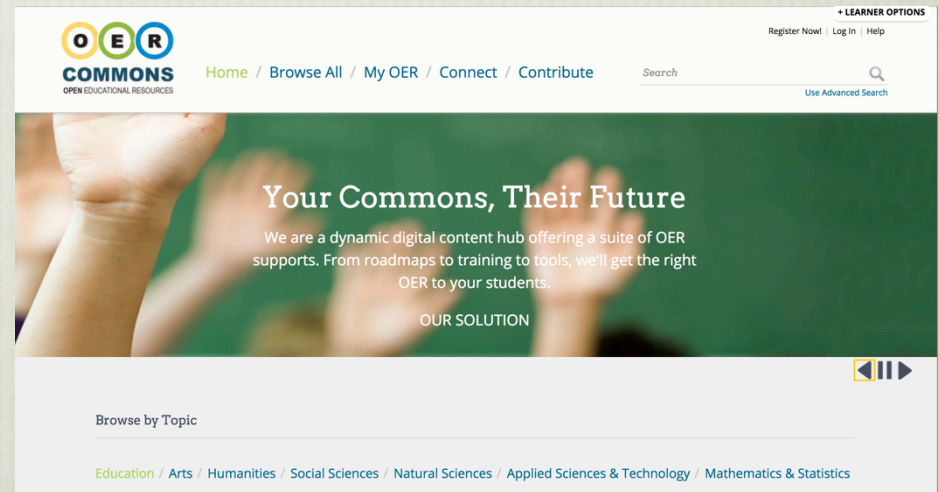
# OER Commons

Digital library with open educational resources (OER)

Free resources - creative commons licenses

Users tag, rate, and review materials

ISKME nonprofit mission:  
improve practice of  
continuous learning,  
collaboration, and  
change in the education sector



<https://www.oercommons.org/advanced-search>





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# Your Commons, Their Future

We are a dynamic digital content hub offering a suite of OER supports. From roadmaps to training to tools, we'll get the right OER to your students.

OUR SOLUTION



Browse by Topic

[Education](#) / [Arts](#) / [Humanities](#) / [Social Sciences](#) / [Natural Sciences](#) / [Applied Sciences & Technology](#) / [Mathematics & Statistics](#)

# OER Commons Standards Search

Regular search combined with additional criteria such as standards, grade level, subject, language, material type, rating, etc.

Standards search only at highest level. Drill down only at individual resource

Alignment not visible in results set (implicit in ranking)





[Home](#) → [Advanced Search](#)

## Advanced Search

Enter one or more  
Keywords then click  
the Search button.

You may also refine  
your search further by  
choosing additional  
criteria from the list  
below before clicking  
on Search

### Search Resources

Search

All Subject Areas ▾ All Grade Levels ▾ All Conditions of Use ▾

### Additional Search Criteria

#### Education Standards:

- ☒ Next Generation Science Standards
- ☐ Common Core State Standards Math
- ☐ Common Core State Standards English Language Arts
- ☐ Minnesota ELA Standards

[What is this?](#)

Search by Language

#### Subject Area

- ☐ Arts
- ☐ Business
- ☐ Humanities
- ☐ Mathematics and Statistics
- ☐ Science and Technology

#### Rubric Evaluated

- ☐ Achieve Rubric
- ☐ EQUIP Rubric

#### Content Source

- ☐ Open Author Resources



[Home](#) → Search results: fractions

### Refine your search

Subject Area

Arts

Business

Humanities

**Mathematics and Statistics**

Science and Technology

Social Sciences

Education Level

Material Type

Conditions of Use

Content Source


Primary User

Media Format

Search results: fractions (78)

☐ [save](#) per page  by:  view as:

selected filters: 6 Common Core State Standards Math Mathematics and Statistics

☐


#### Fractions


This interactive Flash applet can be used to compare and explore equivalence ... [\(more\)](#)


Subject: [Mathematics, Education](#)

Material Type: [Activities and Labs](#), [Instructional Material](#), [Interactive](#)

Provider: [Maryland Public Television](#)

Provider Set: [Mathlanding: Elementary Mathematics Pathway](#)

 [Read the Fine Print](#)

☐


#### Algebra: Fractions

Today we are going to work on our fraction knowledge with some ... [\(more\)](#)


Subject: [Mathematics and Statistics](#), [Mathematics, Education](#)

Material Type: [Activities and Labs](#), [Games](#), [Instructional Material](#)

Provider: [Instructional Architect](#)

Provider Set: [Instructional Architect](#)

Author: [Ms. Jackson](#)

 [No Strings Attached](#)



[<< Previous](#)[Return to Search Results](#)[Next >>](#)

## Fractions



2 / 1 / 17

**Subject:** Mathematics, Education

**Provider:** [Maryland Public Television](#)

**Provider Set:** [Mathland: Elementary Mathematics Pathway](#)

**Level:** Lower Primary, Upper Primary, Middle School, Career / Technical

**Grades:** Grade 2, Grade 3, Grade 4, Grade 5, Grade 6

**Language:** English

**Material Type:** Activities and Labs, Instructional Material, Interactive

**Media Format:** Text/HTML

**Abstract:** This interactive Flash applet can be used to compare and explore equivalence among fractions, decimals and percentages. It allows a child or teacher to represent fractions on one or more fraction strips, and to color individual parts. Each displayed strip can be labelled as a fraction, a decimal (to three decimal places) or a percentage; the ratio of yellow to green parts of each strip can also be displayed. It lends itself well to use with an interactive white board. A pdf guide to this collection of teaching applets is cataloged separately.

## Comments:

[Save](#) [Evaluate](#) [Align](#)

## Education Standards: (11)

[Next >](#)

[CCSS.Math.Content.3.NF.A.3b](#) ✕

### Common Core State Standards Math

*Grade 3, Number and Operations—Fractions*

**Cluster:** Develop understanding of fractions as numbers

**Standard:** Recognize and generate simple equivalent fractions (e.g.,  $1/2 = 2/4$ ,  $4/6 = 2/3$ ), Explain why the fractions are equivalent, e.g., by using a visual fraction model. (Grade 3 expectations in this domain are limited to fractions with denominators 2, 3, 4, 6, and 8.)

**Degree of Alignment:** [Not Rated](#) (0 users)

## Tags: (17)

[Arithmetic](#)[Comparison of Numbers](#)[Concept Formation](#)[Connections](#)[Decimals](#)[Education](#)[Equivalent Fractions](#)[Fractions](#)[Mathematics](#)[NSDL](#)[Number and Operations](#)

Home → CCSS Alignment Tag: CCSS.Math.Content.3.NF.A.3b

### Refine your search

Subject Area ▼

Education Level ▼

Material Type ▼

Conditions of Use ▼

Content Source ▼

Primary User ▼

Media Format ▼

Educational Use ▼

CCSS Alignment Tag: CCSS.Math.Content.3.NF.A.3b (99)

☐ save per page 20 by: Degree of Alignment view as: Summary



#### Rational Number Project: Initial Fraction Ideas

The Rational Number Project (RNP) advocates teaching fractions using a model that ... (more)

Subject: Mathematics and Statistics, Mathematics

Material Type: Activities and Labs, Assessments, Homework and Assignments, Instructional Material, Lesson Plans, Teaching and Learning Strategies

Provider: Maryland Public Television, University of Minnesota

Provider Set: Mathlanding: Elementary Mathematics Pathway, University of Minnesota

Author: Kathleen Cramer, Merlyn Behr, Richard Lesh, Thomas Post



#### Fantastic Fractions!

Use these activities to practice your fractions First, find equivalent fractions by ... (more)

Subject: Mathematics and Statistics, Mathematics, Education

Material Type: Activities and Labs, Instructional Material

Provider: Instructional Architect

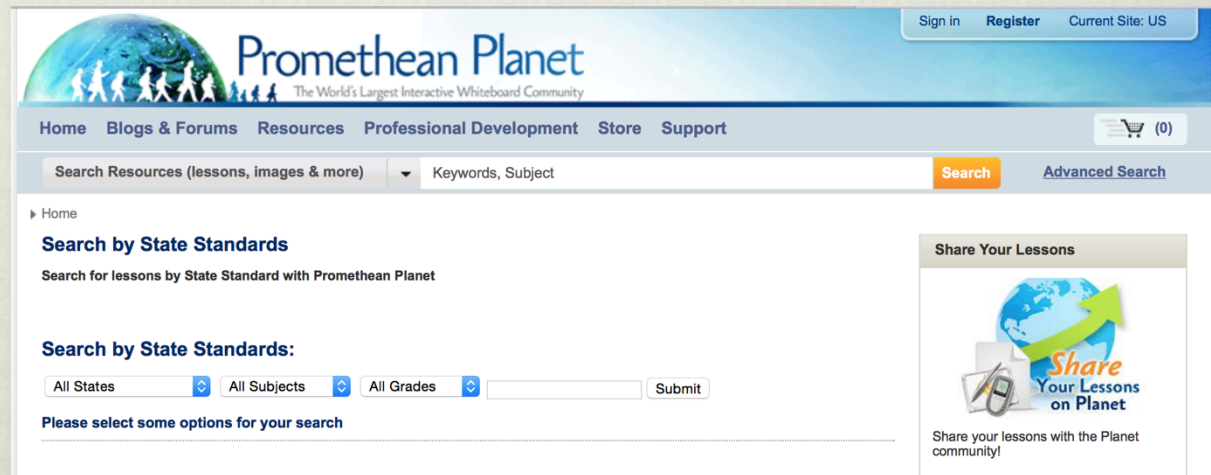
Provider Set: Instructional Architect

Author: Mrs. Porock



# Promethean Planet

“Created by teachers, for teachers, ... a unique teaching, sharing and support community -- your place to connect, create, and change the classroom.”



The screenshot shows the Promethean Planet website interface. At the top, there is a header with the site logo, navigation links (Home, Blogs & Forums, Resources, Professional Development, Store, Support), and a search bar. Below the header, the main content area features a section titled "Search by State Standards" with a subheading "Search for lessons by State Standard with Promethean Planet". This section includes a form with dropdown menus for "All States", "All Subjects", and "All Grades", followed by a "Submit" button. To the right of the main content area, there is a sidebar titled "Share Your Lessons" with a graphic and text encouraging users to share their lessons with the community.

Sign in Register Current Site: US

Promethean Planet  
The World's Largest Interactive Whiteboard Community

Home Blogs & Forums Resources Professional Development Store Support

Search Resources (lessons, images & more) Keywords, Subject Search Advanced Search

Home

**Search by State Standards**

Search for lessons by State Standard with Promethean Planet

**Search by State Standards:**

All States All Subjects All Grades Submit

Please select some options for your search

**Share Your Lessons**

Share Your Lessons on Planet

Share your lessons with the Planet community!

<http://www.prometheanplanet.com/en-us/resources/search-by-state-standards.aspx>

# Promethean Planet

The World's Largest Interactive Whiteboard Community

[Forums](#) [Resources](#) [Professional Development](#) [Store](#) [Support](#)

Lessons, images & more)

Keywords, Subject

Standard

Standard

**Choose by State or  
Common Core or  
National Standard**

New Mexico  
Nevada  
New York  
Ohio  
Oklahoma  
Oregon  
Pennsylvania  
Rhode Island  
South Carolina  
South Dakota  
Tennessee  
Texas  
Utah  
Virginia  
Vermont  
Washington  
Wisconsin  
West Virginia  
Wyoming  
✓ Common Core  
Nat

All Subjects

All Grades

Submit

Please select some options for your search





# Promethean Planet

The World's Largest Interactive Whiteboard Community

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Search Resources (lessons, images & more)

Keywords, Subject

► Home

## Search by State S

Search for lessons by Sta

ethean Planet

**Choose  
Subject**

## Search by State Stand

Utah



- ✓ All Subjects
- Language Arts
- Mathematics
- Science
- Social Studies

All Grades



Submit

Please select some opti



# Promethean Planet

The World's Largest Interactive Whiteboard Community

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Search Resources (lessons, images & more)

Keywords, Subject

► Home

## Search by State Standards

Search for lessons by State Standard with Promethean Planet

**Choose  
Grade**

ards:

your search

- All Grades
- Pre-K
- Kindergarten
- 1st Grade
- 2nd Grade
- 3rd Grade
- 4th Grade
- 5th Grade
- 6th Grade
- 7th Grade
- 8th Grade
- 9th Grade
- 10th Grade
- 11th Grade
- 12th Grade

Submit



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Search Resources (lessons, images & more)



Keywords, Subject

► Home

## Search by State Standards

Search for lessons by State Standard with Promethean Planet

## Search by State Standards:

Common Core



Science



10th Grade

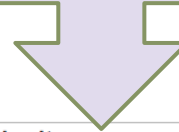


velocity

Submit

Please select some options for your search

Optional:  
Type in  
keyword





## Search by State Standards:

Utah



Science



10th Grade



velocity

Submit

Displaying 1-7 of 07 results

Utah

10th Grade

Science

I.1.c. Distinguish between speed and velocity.

- [Acceleration](#)

Utah

10th Grade

Science

I.1.d. Determine and compare the average and instantaneous velocity of an object from data showing its position at given times.

- [The Tides](#)

Utah

10th Grade

Science

I.2.a. Determine the average acceleration of an object from data showing velocity at given times.

- [Acceleration](#)



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(0)

Search Resources (lessons, images & more)

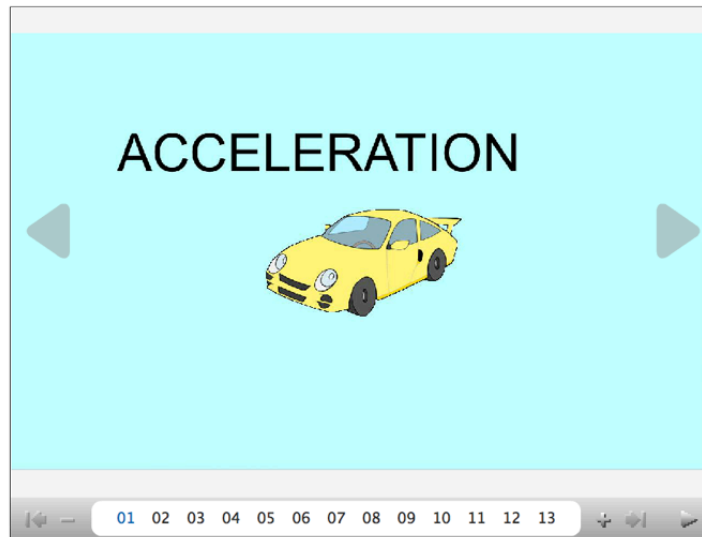
Keywords, Subject

Search

Advanced Search

Home Teaching Resources Lessons & Instructional Materials Acceleration

## Acceleration



### Description

Acceleration flipchart using Kagan Structures.

### Resource Details

**Submitted By**  
Brad Porinchak

**Submission Date**  
February 14, 2008

**Resource Type**  
Lessons & Instructional Materials

**Grade**  
9-10,  
11-12

**Subject Area**  
Physics & Physical Science

**File Format**  
ActivPrimary/ActivStudio Version 3  
flipchart

**File Size**  
151.09 KB

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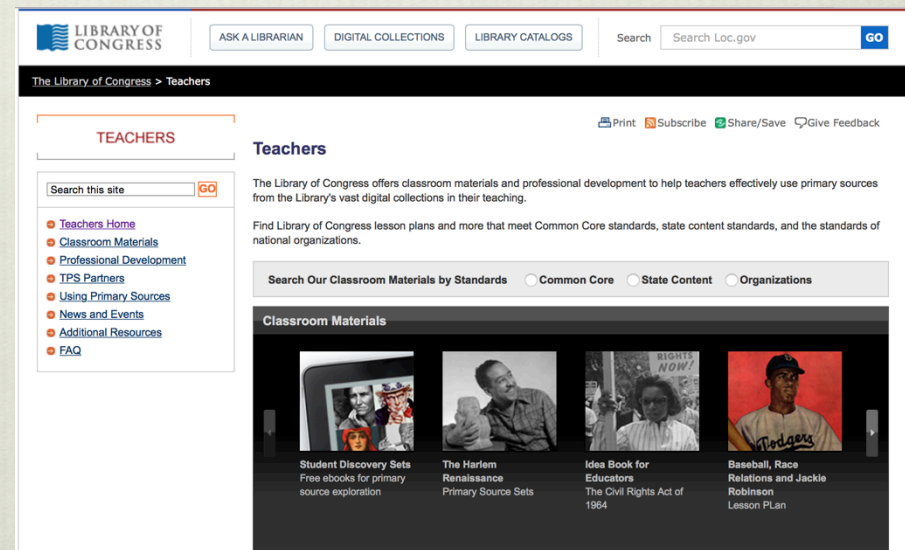
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# Library of Congress

“...classroom materials and professional development to help teachers effectively use primary sources...”

Lesson plans and more by  
Common Core,  
state content standards,  
or the standards of national  
Organizations.



<http://www.loc.gov/teachers/>



**Search Our Classroom Materials by Standards**

☒ **Common Core**

☐ **State Content**

☐ **Organizations**

**State**

Common Core State Standards ▾

**Grade**

1 ▾

**Subject**

English Language Arts ▾

**Search**

**Search Our Classroom Materials by Standards**

☐ **Common Core**

☒ **State Content**

☐ **Organizations**

**State**

Utah ▾

**Grade**

1 ▾

**Subject**

Library / Technology ▾

**Search**

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☐ **Common Core**

☐ **State Content**

☒ **Organizations**

**State**

National Organizations ▾

**Grade**

1 ▾

**Subject**

Social Studies: NCSS and NSCG ▾

**Search**

## Search Our Classroom Materials by Standards

☒ Common Core

☐ State Content

☐ Organizations

State

Common Core State Standards

Grade

4

Subject

English Language Arts

Search

### Common Core State Standards, Grade 4

[Expand All Results](#)

[Collapse All Results](#)

Library of Congress  
Classroom Materials

▼ CCSS.ELA-  
Literacy.RL.4

STRAND

Reading Standards for Literature

▼

CATEGORY

Key Ideas and Details

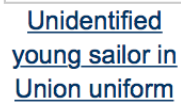
CCSS.ELA-  
Literacy.RL.4.1

STANDARD

Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.

[8 Classroom materials:](#)

- > [2 Primary Source Set](#)
- > [1 Lesson Plans](#)
- > [1 Presentations](#)
- > [4 Collection Connections](#)



## Civil War Soldiers' Portraits: The Liljenquist Family Collection

A selection of Library of Congress primary sources exploring the Civil War portraits in the Liljenquist Family Collection of Civil War Photographs from the Library of Congress. This set also includes a Teacher's Guide with historical context and teaching suggestions.

A selection of Library of Congress primary sources exploring found poetry and the ability to retell history from one's own perspective. This set also includes a Teacher's Guide with historical context and teaching suggestions.

## The Civil War Through a Child's Eye

Students use Library of Congress primary sources to examine the Civil War from a child's perspective.

## Women Pioneers in American Memory

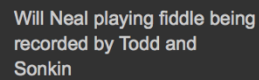
This presentation uses Library of Congress primary sources to provide a comprehensive look at the stories of women who forged ahead to make a better life for themselves, their families, and their societies in the Westward expansion.

## American Notes: Travels in America

Historical context and ideas for teaching with primary sources from the Library of Congress's *Travels in America, 1750-1920*.

Florida Folklife from the WPA Collections, 1937-1942

Historical context and ideas for teaching with primary sources from the Library of Congress's WPA Collections, 1937-1942.



Notes:

klife from

*The Civil War through a C*  
perceptions of the Civil W  
historical events. Specific  
perspective.

Following an introduction  
Fleischman's *Bull Run* in  
children. Then, students r  
writing, and US history sta

## Objectives

Students will:

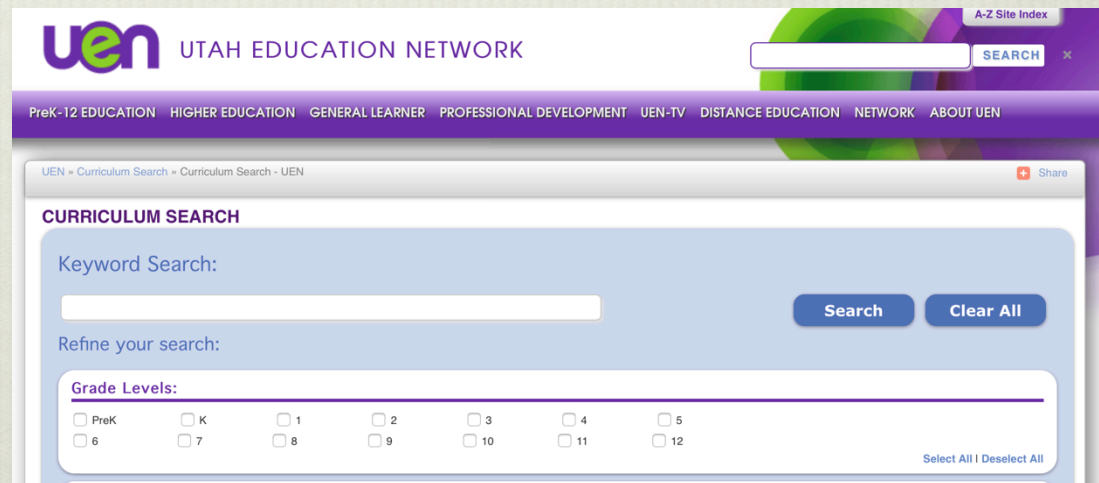
- differentiate between
- understand multiple
- analyze and interpre
- make inferences ab
- create a literary port

## Standards



# Utah Education Network

Connects all Utah school districts, schools, and higher education institutions to a robust network and quality educational Resources



The screenshot shows the Utah Education Network (UEN) website. The header features the UEN logo and the text "UTAH EDUCATION NETWORK". A navigation bar includes links for "PreK-12 EDUCATION", "HIGHER EDUCATION", "GENERAL LEARNER", "PROFESSIONAL DEVELOPMENT", "UEN-TV", "DISTANCE EDUCATION", "NETWORK", and "ABOUT UEN". A search bar with a "SEARCH" button is located in the top right. Below the navigation bar, the page title is "UEN » Curriculum Search » Curriculum Search - UEN". The main content area is titled "CURRICULUM SEARCH" and contains a "Keyword Search:" section with a text input field and "Search" and "Clear All" buttons. Below this is a "Refine your search:" section with a "Grade Levels:" subsection. The "Grade Levels:" subsection lists checkboxes for PreK, K, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12. A "Select All | Deselect All" link is at the bottom right of the grade levels section.

<http://www.uen.org/curriculumsearch/searchParams.action>



## Mathematics Grade 7



Printable Version (pdf)

### Course Description

### Core Standards of the Course

### Domain: Ratios & Proportional Relationships

### Analyze proportional relationships and use them



#### Links

1.

Compute unit rates associated with ratios of fractions, including  
*person walks  $\frac{1}{2}$  mile in each  $\frac{1}{4}$  hour, compute the unit rate.*



Lesson  
Plans



Links

### Teaching Materials:



Core Curriculum



Educational Links



Lesson Plans



eMedia Videos

### CURRICULUM SEARCH

#### eMedia Videos

#### **The Ascent of Man. Music of the Spheres.**

Fine Arts - Music, Mathematics

Traces the evolution of mathematics and explores the relationship of numbers to musical harmony, early astronomy and perspective in painting. It follows the spread of Greek ideas through the courts and bazaars of the Islamic Empire to Moorish Spain and R

Duration: 50min 3sec

#### **Cyberchase. Episode #102-Castleblanca.**

Mathematics

To find Marbles, the kids must master the art of properly collecting data, organizing it and graphing the results -- results which are sometimes surprising! Math target: teaching how to interpret and use data.

Duration: 28min 58sec

#### **Cyberchase. Episode #103-R-Fair City.**

Mathematics

Disguised as a gypsy, Hacker lures Digit to a fantastic cyber amusement park and holds him captive. When the kids arrive, they analyze the games of chance, figuring out which games are fair and which ones are not, and use what they learn to find Hacker a

Duration: 28min 52sec



# Become Standards Search Savvy

Get a handle on all applicable standards

Find crosswalks between standards or create your own

Maintain list of digital libraries with standards search

Note search options

Share with teachers (professional development, etc.)



# Real life

Please share your own standards  
search experiences

# Reference

A Nation At Risk (1983) / National Commission on  
Excellence in Education [http://www.ed.gov/pubs/  
NatAtRisk/risk.html](http://www.ed.gov/pubs/NatAtRisk/risk.html)



# Additional digital libraries

with standards search options

Other libraries we found but did not demonstrate

gooru: <http://www.goorulearning.org/#home>

ABC Teach: <http://abcteach.com>

NSDL: <http://nsdl.oercommons.org>

CK-12 Foundation: <http://www.ck12.org>



# Where to find our presentation

[http://digitalcommons.usu.edu/itls\\_facpub/500](http://digitalcommons.usu.edu/itls_facpub/500)